

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/052307

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 D06F73/02 D06F81/00 D06F81/08

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 D06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 122 569 A (FUMAGALLI, ANGELO; FUMAGALLI, GIOVANNI) 24 October 1984 (1984-10-24) page 2, lines 16-28 page 4, lines 10-20 page 5, lines 5-18 page 6, lines 12-17 page 10, line 29 - page 11, line 3	1-3,6,7, 9-11
X	GB 2 155 500 A (MALCOLM * BERGER) 25 September 1985 (1985-09-25) page 1, line 44 - page 2, line 46 figure 1  ----- --/--	1,4,5,7, 8



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

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\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*Z\* document member of the same patent family

Date of the actual completion of the international search

10 February 2005

Date of mailing of the international search report

17/02/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 159 893 A (FAGOR, S.COOP) 5 December 2001 (2001-12-05) cited in the application paragraphs '0004! - '0013! paragraphs '0019! - '0021! figure 1	9
A	FR 2 716 211 A (LUCCI JEAN CHARLES) 18 August 1995 (1995-08-18) page 1, line 31 - page 3, line 4 page 3, line 33 - page 4, line 2	1-11
A	GB 2 345 493 A (MARC * BRIGGS) 12 July 2000 (2000-07-12) abstract; figure 6	1,7,9
A	EP 1 338 694 A (EURO STAR S.R.L.) 27 August 2003 (2003-08-27) abstract; figures 1,3	4-6,8

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Information on patent family members

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EP 1159893	A	05-12-2001	ES 2189593 A1 EP 1159893 A2 US 2002195914 A1 US 2001048267 A1	01-07-2003 05-12-2001 26-12-2002 06-12-2001
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